

November 10, 1958

Lt. Gen. Roscoe C. Wilson
Deputy Chief of Staff, Development
The Pentagon
Washington, D. C.

Subject: Development Proposal - Lockheed Model G2A

Reference: AF Contract SP-1916, Amendment No. 2

Dear General Wilson:

For the past ten months, Lockheed has been engaged in a program connected with the Air Force contract referenced above, to find ways and means of reducing the radar cross section of a high altitude airplane. This program has been carried out with Lincoln Laboratories and other government agencies. It has now reached a stage where very substantial progress has been demonstrated with various scale models. Compared to aircraft of the same size, the radar reflective area has been reduced by factors varying from 20 to 50. Model tests, however, do not always demonstrate the full-scale values of radar cross section; so it is proposed that the Air Force authorize Lockheed to construct two flight articles of the Model G2A for flight evaluation.

STATINTL

The price of two aircraft, including pertinent static tests, spares, and ground handling equipment, is It is assumed that the Air Force would supply engines and instruments as GFAE. A redeterminable type contract, similar to that used on previous Air Force-Lockheed programs such as the U-2, is proposed.

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The actual description of the airplane, as well as a summary of pertinent test results on which the proposal is based, will be presented verbally by the writer during a visit to Washington the week of November 10th.

Your consideration of the above proposal is earnestly requested.

Very truly yours,

Clarence L. Johnson
Vice President
Advanced Development Projects

CLJ:vmp

cc: Bob Bias